

20th August

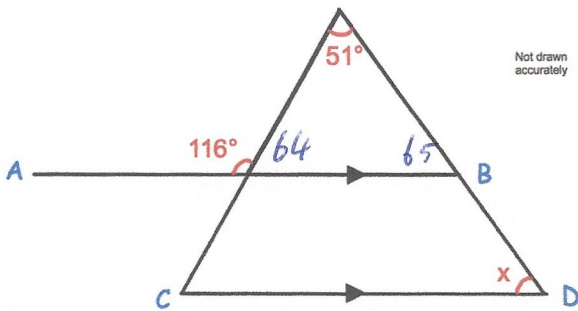


Corbettmaths

Use approximations to estimate the value of

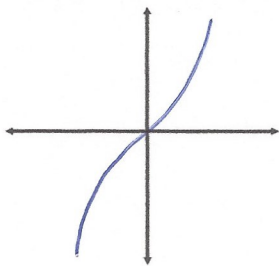
$$\frac{4.12 \times 1.89}{0.21} \approx$$

$$\frac{4 \times 2}{0.2} = \frac{8}{0.2} = \frac{80}{2} = 40$$

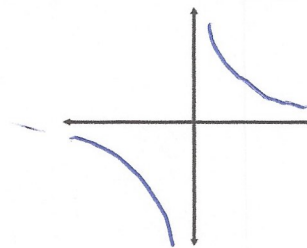


In the diagram, AB is parallel to CD. Work out the size of angle x.

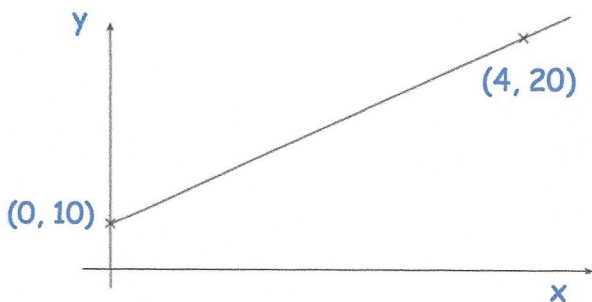
$$x = 65^\circ$$



Sketch $y = x^3$



Sketch $y = \frac{1}{x}$ where $x \neq 0$

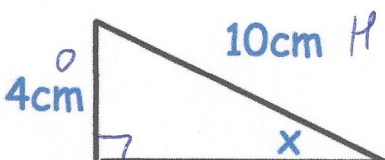


Find the equation of this line

$$\frac{10}{4} = 2.5$$

$$y = 2.5x + 10$$

Shown is a right angled triangle.



Find angle x.

$$\sin x = \frac{4}{10}$$

$$x = \sin^{-1}\left(\frac{4}{10}\right)$$

$$= 23.578^\circ$$